

WHAT IS CLAIMED IS:

1. An electric shaver, comprising:
a housing;
a cutter head mounted to the housing, the cutter head including a hair cutter assembly having a first apertured and movable outer cutter member which is able to
5 roll on a surface to be shaved, and a second, driven inner cutter member positioned in shearing engagement with the outer cutter member; and
a drive for driving the inner cutter member.
2. The electric shaver as defined in claim 1, wherein the outer cutter member includes a slotted foil cylinder coaxially arranged around the inner cutter member so that the inner cutter member is in shearing engagement with an inner surface of the outer cutter member whereby hair which extends through the outer
5 cutter member apertures is cut by the inner cutter member.
3. The electric shaver as defined in claim 2, in the inner cutter member is a rotating cylinder having at least one blade extending therefrom so as to be in shearing engagement with the inner surface of the outer cutting member.
4. The electric shaver as defined in claim 1, wherein the cutter head is mounted axially on the housing, the drive including a motor mounted in the housing and in operative connection with the inner cutter member so as to rotate the inner cutter member.
5. The electric shaver as defined in claim 1, wherein the outer cutter member is an endless foil belt which defines a travel path, the inner cutter member

being arranged within the travel path so as to be in shearing engagement with an inner surface of the belt.

6. The electric shaver as defined in claim 5, and further comprising a plurality of rollers arranged in at least one of the housing and the cutter head, the belt being looped around the rollers and the rollers being arranged so that the belt is freely movable by frictional contact with an outer surface of the belt.

7. The electric shaver as defined in claim 5, wherein the drive is arranged in the housing.

8. The electric shaver as defined in claim 5, wherein the drive is arranged in the cutter head.

9. The electric shaver as defined in claim 5, wherein the inner cutter is a rotating cutter.

10. The electric shaver as defined in claim 5, wherein the inner cutter is a reciprocating cutter.

11. The electric shaver of claim 1, in which the hair cutter assembly is elongated and extends longitudinally and the outer cutter member is rotatable around an axis extending in the longitudinal direction of the inner cutter member.

12. The electric shaver of claim 11, in which the outer cutter member is additionally mounted to slide axially relative to the inner cutter member.

13. The electric shaver of claim 1, in which the inner cutter member includes a hollow interior and an opening thereinto, through which cut hair is drawn into and collected in the hollow interior.

14. The electric shaver of claim 1, in which the inner cutter member supports a plurality of blades.

15. The electric shaver of claim 1, in which the inner cutter member is constructed and mounted to be a disposable device.